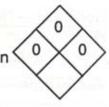
Material Safety Data Sheet
May be used to comply with
OSHA's Hazard Communication Standard,
29 CFR 1910-1200. Standard must be
consulted for specific requirements.

U.S. Department of Labor Occupational Safety and Health Administration (Non-Mandatory Form) Form Approved



OMB No. 1218-0072 consulted for specific requirements. IDENTITY (As Used on Label and List) Note: Blank spaces are not permitted. If any item is not applicable, or no MIRACHEM 250 RUST & SCALE REMOVER CONCENTRATE information is available, the space must be marked to indicate that. Section I Emergency Telephone Number Manufacturer's Name MIRACHEM CORPORATION 1-800-847-3527 Telephone Number for Information Address (Number, Street, City, State, and ZIP Code) 1045 SOUTH EDWARD DRIVE 602-966-3030 Date Prepared TEMPE, ARIZONA 85281 9/1/93 MAILING ADDRESS: P.O. BOX 27608 Signature of Preparer (optional) TEMPE, AZ 85285-7608 Section II — Hazardous Ingredients/Identity Information Other Limits Hazardous Components (Specific Chemical Identity: Common Name(s)) **OSHA PEL** ACGIH TLV Recommended % (optional) PHOSPHORIC ACID CAS #7664-38-2 1mg/m³ NONE <10 THE PRODUCT IS A MIXTURE, AS SET FORTH IN SUBPART 2 PART 1910 OF TITLE 29 CFR. THE PRODUCT IS NOT CON-SIDERED A HEALTH OR PHYSICAL HAZARD. IN EVALUATING THE PRODUCT, NONE OF ITS INGREDIENTS, WITH THE EXCEPTION OF PHOSPHORIC ACID, ARE FOUND ON ANY LIST OF HAZARDOUS, CARCINOGENIC OR BANNED CHEMICAL AGENTS OR MATERIALS GENERATED BY THEM. AGENCIES SURVEYED INCLUDE THE NATIONAL CANCER INSTITUTE. E.P.A., F.D.A., NATIONAL SCIENCE FOUNDATION, O.S.H.A. (CALIFORNIA AND FEDERAL), CONSUMER PRODUCT SAFETY COMMISSION, DEPARTMENT OF TRANSPORTATION (SAFETY INSTITUTE AND RESEARCH SPECIAL PROGRAMS ADMIN-ISTRATIONS), AND NATIONAL TOXICOLOGY PROGRAM. THE PRODUCT HAS BEEN TESTED FOR SAFETY BIOLOGICALLY. TEST REPORTS ARE AVAILABLE ON REQUEST. Section III — Physical/Chemical Characteristics **Boiling Point** Specific Gravity (H₂O = 1) 212°F 25°C 1.105 Vapor Pressure (mm Hg.) SAME AS Melting Point @ 20°C N/A WATER Vapor Density (AIR = 1) **Evaporation Rate** SAME AS SAME AS (Butyl Acetate = 1) AIR WATER Solubility in Water COMPLETELY MISCIBLE WITH WATER Appearance and Odor AMBER TO DARK BROWN LIQUID - NO ODOR Section IV — Fire and Explosion Hazard Data Flash Point (Method Used) Flammable Limits NON-FLAMMABLE LEL NONE TO 212°F (PMCC ASTM D93) NON-COMBUSTIBLE N/A N/A Extinguishing Media NONE Special Fire Fighting Procedures

Unusual Fire and Explosion Hazards NONE

NONE

	 Reactivity 	Data	Conditions to Australia			
Stability	Unstable		Conditions to Avoid			
	Stable	XX	in to insurvive	O ETT		TOTAL STATE OF THE SALE
Incompatibility (M	laterials to Avoid)	130	RENGTH ALKALINE M	MATERIALS NEU	UTRALIZE PI	RODUCT
Hazardous Decom	position or Bunned	ucts	and the second s	A CONTRACTOR OF SUPPLIES		- 四州一大大学 医野鼠
Hazardous	May Occur	HERMA	L DECOMPOSITION N	NAT PRODUCE	. 002	
Polymerization	and the last well to be	0.1	and self-invariant and an artist and an artist and artist artist and artist and artist artist artist and artist ar	A Dec. Street		
	Will Not Occur	XX				The state of the s
Section VI	- Health Ha	zard D	ata			and a supplied
Route(s) of Entry:		Inhalatio N-HAZA			Ingestion	RDOUS LD50> 6gm/Kg
Health Hazards (A ACUTE — NO	cute and Chronic)			30 14 (phr 1) 11		TINGS ASSOCIATION REVISED HMIS
RATING MAN	UAL FOR LD5	ORAL	TOXICITY, D.O.T. CORF	ROSIVITY SKIN	TEST, EYE I	IRRITATION AND LC50 INHALATION
TOXICITY CH	IRONIC - NO	YET	ETERMINED; HOWEV	ER. NO KNOW	VN HAZARD	S TO DATE
Carcinogenicity:		NTP?		IARC Monograph		OSHA Regulated?
NONE Signs and Sympt		NO	C 13040-39	ong the service of th		NO .
1300	F	RODUC	T CONSIDERED NON	-HAZARDOUS	months of all to	HE STATE OF THE ST
Madical Condition	Term.				DE	
Medical Condition Generally Aggrave		RODUC	T CONSIDERED NON	-HAZARDOUS	STATE OF	- CI T V - Let - 22
	THE PARTY OF THE P	D				
Emergency and F	irst Aid Procedures				110 005	OLAL DECOEDURES DECUMBED
0.154.361	CHARLE STREET	RODUC	T CONSIDERED NON	-HAZARDOUS	- NO SPEC	CIAL PROCEDURES REQUIRED.
Section VII	- Precauti	ons for	Safe Handling an	d Use	Jac Da	
Steps to Be Take DILUTE WITH	n in Case Material H WATER AND	S Release OR NE	d or Spilled UTRALIZE WITH ALKA	LINE MATERIA	AL, SUCH	
AS A LIME C	OR SODA ASH					
Waste Disposal A	Aethod		CARLE WITHIN FEDER	RAL OR LOCAL	WASTE DIS	SPOSAL REQUIREMENTS.
	C/USJ=+ 1-1-1		and the second second	and the second second second second		
	ICABLE AFTE		RALIZATION, LANDFII			AND THE RESERVE AND ADDRESS OF THE PARTY.
- reconditions to b	e lakeli ili rialiolili	and oton	GENERAL — AVO	D PROLONGE	D CONTACT	WITH SKIN. USE ACID RESISTEN
METALS. PLA	ASTIC, GLASS,	FIBERO	SLASS OR RUBBER L	INED MATERIA	ALS FOR ST	ORAGE & HANDLING EQUIPMEN
	OM FREEZING			a per		
Other Precaution	s			0	.11.1	
KEEP OUT C	OF REACH OF	CHILDE	REN			
	2 32					
	II — Control	ALTONIA CONTRACTOR				=44
						YED OR VAPORIZED A NIOSH RED)
Ventilation	RECOMME	NO S ND USII	PECIAL REQUIREMENT NG IN WELL VENTILA	NTS Spec	NONE	THE THIRD STATE OF THE PARTY OF
	Mechanical (Ge			Othe	er NONE	2 TAN'S
Protective Gloves	NEOPRENE A			Eye Protection	n	ES ARE RECOMMENDED
Other Protective	Clothing or Equipm	nent				
Work/Hygienic P	ractices		R BOOTS IS SUGGEST			
ALTHOUGH	NOT REQUIRE	D, WE	RECOMMEND AS GO	OD HYGENIC	PRACTICE T	THE USE OF PREVENTIVE
MEASURES	SUCH AS GLO	VES, G	OGGLES, ETC.			